



Drafts

Pending

Active

- ☑ L1: (2) ("5892508") or ("6615408").PN.
- ☑ L2: (61674) "348"/\$.ccls. or "725"/\$.ccls.
- ☑ L3: (1318) 2 and (ITv or "interactive television")
- ☑ L4: (3) 3 and "IP provisioning"
- ☑ L5: (73) (network near5 provision\$3) and (ITv or "interactive television")
- ☑ L6: (6) 5 and (IP near5 provision\$3)
- ☑ L7: (9) (IP near5 provision\$3) and (ITv or "interactive television")
- ☑ L8: (11) (IP near5 provision\$3) and (ITv or "interactive television")
- ☑ L9: (74) (ITv or "interactive television") near8 provision\$3
- ☑ L10: (17) 9 and (billing and IP)
- ☑ L11: (17) 9 and (billing and (IP or "internet protocol"))
- ☑ L12: (16) 11 and operator
- ☑ L13: (0) 12 and controller
- ☑ L14: (13) 12 and controller
- ☑ L16: (2) 15 and (provision\$3 near5 message)
- ☑ L15: (13) 14 and interface
- ☑ L17: (2) 15 and "provisioning system"

Failed

Saved

Favorites

Tagged (3)

UDC

Queue

Trash



US 2004/008734 A1

(19) United States

(12) Patent Application Publication (58) Pub. No.: US 2004/008734 A1

Donlan et al.

(65) Pub. Date:

May 6, 2004

(54) METHOD AND APPARATUS FOR
PROVISIONING CLIENT DEVICES
CONNECTED TO AN INTERACTIVE TV
NETWORK

Publication Classification

(51) Int. Cl.⁷ H04N 21/00 (2006.01.01)

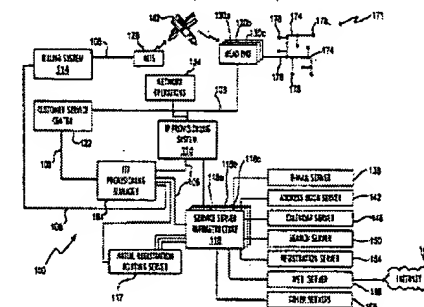
(52) U.S. Cl. 725/109, 725/112, 725/135, 725/136

(73) Inventor: Brian Joseph Donlan, Lynn Haven, VA
(US), Randall G. Bunko, Panama City,
FL (US)

(57) ABSTRACT

Correspondence Address:
BROOKS KIRKMAN P.C.
2000 BOWEN CENTER
WEST PALM BEACH, FL 33411-4200
(US)(21) Appl. No.: 10/287,130
(22) Filed: Nov. 4, 2003

A system and method manages the provisioning of client devices connected to a network distribution network, such as an interactive television network, by providing a provisioning message that carries the specific provisioning data to certain and where the data is located and is to be downloaded. The client or subscriber can initiate the provisioning transaction through the client device.



BRS form ISSR form Image Text HTML

	U	1	Document ID	Issue Date	Pages	Title	Current OR	Current X	Retr	Inventor	S
1	<input type="checkbox"/>	<input type="checkbox"/>	US 20040088737 A1	20040506	15	Method and apparatus for removing client from an interactive TV network	725/135	725/109;		Donlan, Brian Joseph et al.	<input checked="" type="checkbox"/>
2	<input type="checkbox"/>	<input type="checkbox"/>	US 20040088734 A1	20040506	18	Method and apparatus for provisioning client devices connected	725/109	725/110; 725/112; 725/135;		Donlan, Brian Joseph et al.	<input checked="" type="checkbox"/>

HAs Details HTML

Ready

NUM 3



Drafts

Pending

Active

- ☑ L1: (2) ("5892508") or ("6615408").PN.
- ☑ L2: (61674) "348"/\$.ccls. or "725"/\$.ccls.
- ☑ L3: (1318) 2 and (ITV or "interactive television")
- ☑ L4: (3) 3 and "IP provisioning"
- ☑ L5: (73) (network near5 provision\$3) and (ITV or "interactive television")
- ☑ L6: (6) 5 and (IP near5 provision\$3)
- ☑ L7: (9) (IP near5 provision\$3) and (ITV or "interactive television")
- ☑ L8: (11) (IP near5 provision\$3) and (ITV or "interactive television")
- ☑ L9: (74) (ITV or "interactive television") near8 provision\$3
- ☑ L10: (17) 9 and (billing and IP)
- ☑ L11: (17) 9 and (billing and (IP or "internet protocol"))
- ☑ L12: (16) 11 and operator
- ☑ L13: (0) 12 and controller
- ☑ L14: (13) 12 and controller
- ☑ L15: (13) 14 and interface
- ☑ L16: (2) 15 and (provision\$3 near5 message)

Failed

Saved

Favorites

Tagged (2)

UDC

Queue

Trash



US 2004/0088737A1

(19) United States

(12) Patent Application Publication (25) Pub. No.: US 2004/0088737 A1

Deakin et al.

(43) Pub. Date:

May 6, 2004

(54) METHOD AND APPARATUS FOR
REMOVING CLIENT FROM AN
INTERACTIVE TV NETWORK

Publication Classification

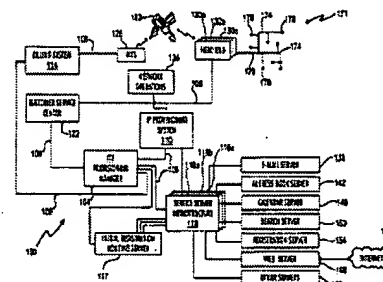
(51) Int. Cl.⁷ H04N 7/16; H04N 7/17
(52) U.S. Cl. 725/109, 725/110, 725/112(73) Inventor: Brian Joseph Donlan, Lynn Haven, FL
(74) Attorney: Randall G. Reiche, Patricia L. ReicheCorrespondence Address:
BIRNBAUM KALMANIAN P.C.
1900 LOVER CENTER
TWENTY-SECOND FLOOR
SOUTHFIELD, MI 48075 (US)

(41) Appl. No.: 10/227,897

(21) Filed: Nov. 4, 2002

(57) ABSTRACT

A system and method manages the provisioning of an interactive television service-providing network. Provisioning is managed by a provisioning manager that knows the specific provisioning data to collect and where the data is located and to be forwarded. The provisioning manager does not act as an interactive provisioning data server. Provisioning is a serial collection and dissemination of data for the provisioning data and forwarding provisioning data from a provisioning system to the network server and/or other network devices.



BRS form IS&R form Image Text HTML

	U	1	Document ID	Issue Date	Pages	Title	Current OR	Current X	Reti	Inventor	S
1	<input type="checkbox"/>	<input type="checkbox"/>	US 20040088737 A1	20040506	15	Method and apparatus for removing client from an interactive TV network	725/135	725/109;		Donlan, Brian Joseph et al.	<input checked="" type="checkbox"/>
2	<input type="checkbox"/>	<input type="checkbox"/>	US 20040088734 A1	20040506	18	Method and apparatus for provisioning client devices connected	725/109	725/112;	725/135;	Donlan, Brian Joseph et al.	<input checked="" type="checkbox"/>

Hit Detail HTML

Ready

NUM

EAST - [09671329_2.wsp:1]

File View Edit Tools Window Help

Drafts
 Pending
 Active
 L1: (2) ("5892508") or ("6615408").PN.
 L2: (61674) "348"/\$.ccls. or "725"/\$.ccls.
 L3: (1318) 2 and (ITv or "interactive television")
 L4: (3) 3 and "IP provisioning"
 L5: (73) (network near5 provision\$3) and (ITv or "interactive television")
 L6: (6) 5 and (IP near5 provision\$3)
 L7: (9) (IP near5 provision\$3) and (ITv or "interactive television")
 L8: (11) (IP near5 provision\$3) and (ITv or "interactive television")
 Failed
 Saved
 Favorites
 Tagged (2)
 UDC
 Queue
 Trash

US-PGPUB:USPAT:EPD:JPO:DERWENT:IRMLTDB
 Default operator: OR
 Plurals
 Highlight all hit terms exactly

(IP near5 provision\$3) and (ITv or "interactive television")

BRS form IS&R form Image Text HTML

	U	1	Document ID	Issue Date	Pages	Title	Current OR	Current X	Retr	Inventor	S
5	<input type="checkbox"/>	<input type="checkbox"/>	US 20020107908 A1	20020808	22	QoS monitoring system and method for a high-speed diffserv-capable net	709/203	709/230		Dharanikota, Sudheer	<input checked="" type="checkbox"/>
6	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 20020059586 A1	20020516	18	Method and system for personalization and authorization of in	725/35			Carney, John et al	<input checked="" type="checkbox"/>
7	<input type="checkbox"/>	<input type="checkbox"/>	US 5991308 A	19991123	161	Lower overhead method for data transmission using ATM and SCDM	370/395.53	370/342; 370/395.52;		Fuhrmann; Amir Michael et al	<input checked="" type="checkbox"/>
8	<input type="checkbox"/>	<input type="checkbox"/>	US 5745837 A	19980428	76	Apparatus and method for digital data transmission over a CATV system us	725/114	725/129; 725/131		Fuhrmann; Amir Michael	<input checked="" type="checkbox"/>
9	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 5481542 A	19960102	36	Interactive information services control system	725/131	370/442; 370/461;		Logston; Gary L. et al	<input checked="" type="checkbox"/>
10	<input type="checkbox"/>	<input type="checkbox"/>	EP 1416733 A	20040506	18	Intercommunication management system used in e.g. interactive televisi				DONLAN, B J et al	<input checked="" type="checkbox"/>
11	<input type="checkbox"/>	<input type="checkbox"/>	EP 1416732 A	20040506	15	Client device provision managing method in telecommunication network				DONLAN, B J et al	<input checked="" type="checkbox"/>

Hit Details HTML

Ready NUM

